## **IN THE CLAIMS**

This listing of claims will replace all prior versions and listings of claims in the application.

## **Listing of Claims:**

1. (Currently Amended) A fuel cell system, comprising:

a fuel cell [[(1)]] that has an electrolyte membrane and generates power by using a fuel gas and an oxidizing agent gas;

a storage device [[(51)]] for water that humidifies the fuel cell [[(1)]], and a controller [[(100)]] that functions to:

judge whether the fuel cell [[(1)]] can be humidified by using the water of the storage device [[(51)]], and

limit the operating temperature of the fuel cell [[(1)]] to below a limit temperature that is lower than during normal operation in a case where it is judged that the fuel cell [[(1)]] cannot be humidified.

2. (Currently Amended) The fuel cell system as defined in claim 1,

wherein the controller [(100)] further functions to:

judges whether the water in the storage device [[(51)]] is present in the liquid phase in a predetermined amount or more, and

limits the operating temperature of the fuel cell [[(1)]] to below the limit temperature in a case where the liquid-phase water is not present in the predetermined amount or more.

3. (Currently Amended) The fuel cell system as defined in claim 1, further comprising:

a thawing device [[(60a)]] that thaws freezing water in the storage device [[(51)]]; and
a detection device [[(118)]] that detects the state of the water in the storage device
-[[(51)]],

wherein the controller [[(100)]] further functions to:

judge whether water of at least a predetermined amount is in the liquid phase in the storage device [[(51)]], and

limit the operating temperature of the fuel cell [[(1)]] to below the limit temperature in a case where the water in the storage device [[(51)]] is freezing and it is judged that the liquid-phase water does not satisfy the predetermined amount, and cancel the limit on the operating temperature of the fuel cell [[(1)]] upon judging that water of at least the predetermined amount is in the liquid phase in the storage device [[(51)]].

4. (Currently Amended) The fuel cell system as defined in claim 2, further comprising:

a discharge device [[(74)]] for discharging the water in the storage device [[(51)]]; and a water amount detection device [[(151)]] that detects the amount of water in the storage device [[(51)]],

wherein the controller [[(100)]] further functions to:

predict whether there is a possibility of the water in the storage device [[(51)]] freezing,

discharge the water in the storage device [[(51)]] in a case where it is judged that there is a possibility of the water in the storage device [[(51)]] freezing, and

limit the operating temperature of the fuel cell [[(1)]] at startup of the fuel cell [[(1)]] to below the limit temperature until water in the storage device [[(51)]] has accumulated in the predetermined amount or more.

5. (Currently Amended) The fuel cell system as defined in claim 1, further comprising:

a cooling system having a coolant pump [[(52)]] that pressure-feeds a coolant that exchanges heat with the fuel cell [[(1)]] and a radiator [[(50)]] that performs coolant heat radiation,

wherein the controller [[(100)]] further functions to:

maximize the coolant flow rate circulated in the radiator [[(50)]] when the temperature of the coolant discharged by the fuel cell [[(1)]] is the limit temperature, in a case where the temperature of the fuel cell [[(1)]] is limited to below the limit temperature.

6. (Currently Amended) The fuel cell system as defined in claim 5, wherein the controller [[(100)]] further functions to:

control the temperature of the fuel cell [[(1)]] by limiting the output of the fuel cell [[(1)]].

7. (Currently Amended) The fuel cell system as defined in claim 6, wherein the controller [[(100)]] further functions to:

preferentially increase the coolant flow rate to the radiator [[(50)]] when the operating temperature of the fuel cell [[(1)]] is limited, and

limit the output of the fuel cell [[(1)]] in a case where the operating temperature of the fuel cell [[(1)]] also exceeds the limit temperature after the coolant circulation flow rate to the radiator [[(50)]] has reached a maximum.

8. (Currently Amended) The fuel cell system as defined in claim 6, further comprising:

a radiator fan [[(50a)]] that increases and decreases the flow rate of an air stream that passes through the radiator [[(50)]],

wherein the controller [[(100)]] further functions to:

preferentially increase the motive power of the radiator fan [[(50a)]] when the operating temperature of the fuel cell [[(1)]] is limited, and

limit the output of the fuel cell [[(1)]] in a case where the operating temperature of the fuel cell [[(1)]] also exceeds the limit temperature after the motive power of the radiator fan [[(50a)]] has reached a maximum.

9. (Currently Amended) The fuel cell system as defined in claim 6, further comprising:

a radiator fan [[(50a)]] that increases and decreases the flow rate of an air stream that passes through the radiator [[(50)]],

wherein the controller [[(100)]] further functions to:

limit the output of the fuel cell [[(1)]] in a case where the fuel cell [[(1)]] also exceeds the limit temperature after the coolant flow rate to the radiator [[(50)]] and the motive power of the radiator fan [[(50a)]] have both reached a maximum, when the operating temperature of the fuel cell [[(1)]] is limited.

10. (Currently Amended) The fuel cell system as defined in claim 3, further comprising:

a water temperature detection device [[(118)]] that senses the temperature of the water in the storage device [[(51)]],

wherein the controller [(100)] further functions to:

judge that water of a predetermined amount or more in the storage device [[(51)]] is in the liquid phase in a case where the temperature of the water in the storage device [[(51)]] is at a predetermined temperature that exceeds 0°C.

11. (Currently Amended) The fuel cell system as defined in claim 1, further comprising:

a pressure regulation device (18, 43) that regulates the operating pressure of the fuel cell [[(1)]],

wherein the controller [(100)] further functions to:

increases the operating pressure of the fuel cell [[(1)]] in a case where it is judged that the fuel cell cannot be humidified.

12. (Currently Amended) The fuel cell system as defined in claim 11, wherein the controller [[(100)]] further functions to:

increase the operating pressure of the fuel cell [[(1)]] in accordance with a rise in the operating temperature of the fuel cell [[(1)]] in a case where it is judged that the fuel cell [[(1)]] cannot be humidified, and operate the fuel cell [[(1)]] at maximum pressure when the temperature of the fuel cell [[(1)]] has reached the limit temperature.

13. (Currently Amended) The fuel cell system as defined in claim 3, further comprising:

a combustion device [[(30)]] that burns a hydrogen-containing gas and an oxidizing agent gas; and

a cooling system that circulates a coolant in the combustion device [[(30)]], the fuel cell [[(1)]], and the storage device [[(51)]] in that order,

wherein the controller [(100)] further functions to:

supply the heat generated by the combustion device [[(30)]] to the fuel cell [[(1)]] via the coolant when warming up the fuel cell [[(1)]], and

warm up the storage device [[(51)]] by supplying the heat that accompanies the power generation of the fuel cell [[(1)]] to the storage device [[(51)]] via the coolant after the warming-up of the fuel cell [[(1)]] is complete and the combustion device [[(30)]] has been stopped.

14. (Currently Amended) A startup method for a fuel cell system that comprises a fuel cell [[(1)]] that has an electrolyte membrane and generates power by using a fuel gas and an oxidizing agent gas; and a storage device [[(51)]] for water that humidifies the fuel cell, said method comprising:

judging whether the fuel cell [[(1)]] can be humidified by using the water of the storage device [[(51)]], and

limiting the operating temperature of the fuel cell [[(1)]] to below a limit temperature that is lower than during normal operation in a case where it is judged that the fuel cell [[(1)]] cannot be humidified.

## 15. (Currently Amended) A fuel cell system, comprising:

a fuel cell [[(1)]] that has an electrolyte membrane and generates power by using a fuel gas and an oxidizing agent gas;

a storage device [[(51)]] for water that humidifies the fuel cell [[(1)]],

means for judging whether the fuel cell [[(1)]] can be humidified by using the water of the storage device [[(51)]], and

means for limiting the operating temperature of the fuel cell [[(1)]] to below a limit temperature that is lower than during normal operation in a case where it is judged that the fuel cell [[(1)]] cannot be humidified.